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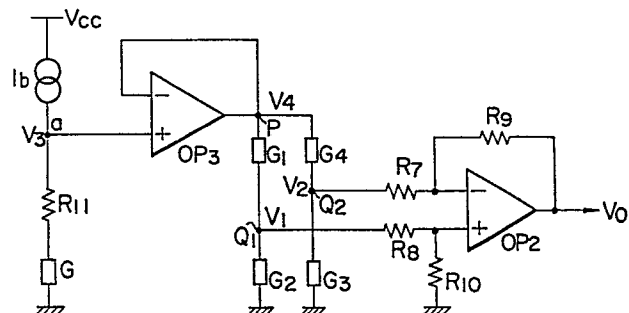
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54 **Semiconductor-type pressure transducer.**

57 A semiconductor-type pressure transducer is disclosed in which the pressure change is detected as a resistance change by use of a bridge circuit including at least a gage resistor ( $G_1, G_2, G_3, G_4$ ) changing with an external force. Each gage resistor is made of a PN junction of a semiconductor. The pressure transducer further comprises an amplification factor compensator ( $G_5$ ) for cancelling the effect of the temperature change of the gage resistors making up the bridge circuit on the amplification factor of the amplification circuit ( $OP_2$ ) for amplifying the output of the bridge circuit.





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# EUROPEAN SEARCH REPORT

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Application Number

EP 84 10 3678

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.3)
X	EP-A-0 053 486 (HONEYWELL INC.) * pages 17-19; figure 1 * ---	1,3	G 01 L 9/00 G 01 L 1/22
A	DE-A-2 736 946 (BBC AG) * figure 1; pages 9-10 * -----	1,2,4	G 01 L 9/06
			TECHNICAL FIELDS SEARCHED (Int. Cl.3)
			G 01 L 1/22 G 01 L 9/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 30-11-1987	Examiner KOEHN G
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